☐ 1: BM845132. K-EST0123375 S12S...[gi:19201531] Links

IDENTIFIERS

dbEST Id: **11445196**
EST name: K-EST0123375
GenBank Acc: BM845132
GenBank gi: 19201531

CLONE INFO
Clone Id: S12SNU216-95-F02 (5')
Plate: 95 Row: F Column: 02
DNA type: cDNA

PRIMERS
PolyA Tail: Unknown

SEQUENCE

ACTCTGCTGCCGGCTTCTCGGAGCGGCGCTGGGCGACCAGAGCAGGGTCGAGATGTCCTA
CATCCCGGGCCAGCCGGTCACCGCCGTGGTGCAAAGAGTTGAAATTCACAAGCTGCGTCA
AGGTGAGAACTTAATCCTGGGTTTCAGCATTGGAGGTGGAATCGACCAGGACCCTTCCCA
GAATCCCTTCTCTGAAGACAAGACGGACAAGGGTATTTATGTCACACGGGTGTCTGAAGG
AGGCCCTGCTGAAATCGCTGGGCTGCAGATTGGAGACAAGATCATGCAGGTGAACGGCTG
GGACATGACCATGGTCACACACGACCAGGCCCGCAAGCGGCTCACCAAGCGCTCGGAGGA
GGTGGTGCGTCTGCTGGTGACGCGGCAGTCGCTGCAGAAGGCCGTGCAGCAGTCCATGCT
GTCCTAGCAGCCACCACCATCTGCGACTCCTGCCTGCCGCCTCTCTGTACAGTAACGCCA
CTTCCACACTCTGTCCCCATCTGGCTTCTGCTGACCGCTGGGCCCCAGCTC

Quality: High quality sequence stops at base: 531

Entry Created: Mar 6 2002
Last Updated: Mar 6 2002

LIBRARY
Lib Name: S12SNU216
Organism: Homo sapiens
Sex: F
Organ: Stomach
Tissue type: Lymph node
Cell type: Epithelial
Cell line: SNU-216
Lab host: Top10F'
Vector: pCNS
R. Site 1: EcoRI
R. Site 2: NotI
Description: The poly (A)+ RNA was dephosphorylated with bacterial alkaline phosphatase (BAP) and then decapped with tabacco acid pyrophosphatase (TAP). The decapped intact mRNA was ligated with DNA-RNA linker including EcoR I site by treatment of T4 RNA ligase and the first strand cDNA was

synthesized from oligo dT-selected mRNA by priming with dT-tailed vector. The dT-tailed vector was adjusted to have about 60nt. The cDNA vector was circularized with E. coli DNA ligase after digestion of EcoRI which site is also included in vector. An RNA strand converted to a DNA strand by Okayama-Berg method. The obtained cDNA vectors were used for transformation of competent cells E. coli Top10F' by electroporation method. The cDNA libraries constructed by this method are full-length enriched cDNA library.

SUBMITTER

Name: Kim YS
Lab: Genome Research Center
Institution: Korea Research Institute of Bioscience & Biotechnology
Address: 52 Eoeun-dong Yuseong-gu, Daejeon 305-333, South Korea
Tel: +82-42-860-4470
Fax: +82-42-860-4409
E-mail: yongsung@mail.kribb.re.kr

CITATIONS

Title: 21C Frontier Korean EST Project 2001
Authors: Kim,N.S., Hahn,Y., Oh,J.H., Lee,J.Y., Ahn,H.Y., Chu,M.Y., Kim,M.R., Oh,K.J., Cheong,J.E., Sohn,H.Y., Kim,J.M., Park ,H.S., Kim,S., Kim,Y.S.
Year: 2002
Status: Unpublished

MAP DATA

Disclaimer | Write to the Help Desk
NCBI | NLM | NIH

May 1 2003 16:27:42

☐ 1: CB131761. K-EST0181865 C1SN...[gi:28096580] Links

IDENTIFIERS

dbEST Id: **16815743**
EST name: K-EST0181865
GenBank Acc: CB131761
GenBank gi: 28096580

CLONE INFO
Clone Id: C1SNU17s1-1-H12 (5')
Plate: 1 Row: H Column: 12
DNA type: cDNA

PRIMERS
PolyA Tail: Unknown

SEQUENCE

ACTCTGCTGCCGGCTTCTCGGAGCGGCGCTGGGCGACCAGAGCAGGGTCGAGATGTCCTA
CATCCCGGGCCAGCCGGTCACCGCCGTGGTGCAAAGAGTTGAAATTCACAAGCTGCGTCA
AGGTGAGAACTTAATCCTGGGTTTCAGCATTGGAGGTGGAATCGACCAGGACCCTTCCCA
GAATCCCTTCTCTGAAGACAAGACGGACAAGGGTATTTATGTCACACGGGTGTCTGAAGG
AGGCCCTGCTGAAATCGCTGGGCTGCAGATTGGAGACAAGATCATGCAGGTGAACGGCTG
GGACATGACCATGGTCACACACGACCAGGCCCGCAAGCGGCTCACCAAGCGCTCGGAGGA
GGTGGTGCGTCTGCTGGTGACGCGGCAGTCGCTGCAGAAGGCCGTGCAGCAGTCCATGCT
GTCCTAGCAGCCACCACCATCTGCGACTCCTGCCTGCCGCCTCTCTGTACAGTAACGCCA
CTTCCACACTCTGTCCCCATCTGGCTTCTGCTGACCGCTGGGCCCCAGCTCAG

Quality: High quality sequence stops at base: 533

Entry Created: Jan 29 2003
Last Updated: Jan 29 2003

LIBRARY
Lib Name: C1SNU17s1
Organism: Homo sapiens
Sex: F
Organ: Cervix
Tissue type: Uterine
Cell type: Epithelial
Cell line: SNU-17
Lab host: Top10F'
Vector: pCNS-D2
R. Site 1: EcoRI
R. Site 2: NotI
Description: The poly (A)+ RNA was dephosphorylated with bacterial alkaline phosphatase (BAP) and then decapped with tabacco acid pyrophosphatase (TAP). The decapped intact mRNA was ligated with DNA-RNA linker including EcoRI site by treatment of T4 RNA ligase and the first strand cDNA was

synthesized from oligo dT-selected mRNA by priming with dT-tailed vector. The dT-tailed vector was adjusted to have about 60nt. The cDNA vector was circularized with E. coli DNA ligase after digestion of EcoRI which site is also included in vector. An RNA strand converted to a DNA strand by Okayama-Berg method. The obtained cDNA vectors were used for transformation of competent cells E. coli Top10F' by electroporation method. The cDNA libraries constructed by this method are full-length enriched cDNA library. After analyzing and sequencing about 2,000 - 3,000 colonies in original cDNA library, the abundant cDNAs were selected and amplified by PCR reaction using vector region primer including T7 promotor as 5' primer and N(dT)14 as 3' primer. The PCR products were used as template for synthesis of biotinylated single stranded RNA by in vitro transcription reaction. The synthesized RNA probes were hybridized with antisense single stranded cDNAs prepared from original liberary and incubated with avidin-gel. After removing DNA-RNA hybrids by centrifuge, the subtracted cDNA libraries were constructed by transformaion of the remaining DNA into competent cells E. coli Top10F' with electroporation method.

SUBMITTER

Name:	Kim YS
Lab:	Genome Research Center
Institution:	Korea Research Institute of Bioscience & Biotechnology
Address:	52 Eoeun-dong Yuseong-gu, Daejeon 305-333, South Korea
Tel:	+82-42-860-4470
Fax:	+82-42-860-4409
E-mail:	yongsung@mail.kribb.re.kr

CITATIONS

Title:	21C Frontier Korean EST Project 2001
Authors:	Kim,N.S., Hahn,Y., Oh,J.H., Lee,J.Y., Ahn,H.Y., Chu,M.Y., Kim,M.R., Oh,K.J., Cheong,J.E., Sohn,H.Y., Kim,J.M., Park ,H.S., Kim,S., Kim,Y.S.
Year:	2002
Status:	Unpublished

MAP DATA

Disclaimer | Write to the Help Desk
NCBI | NLM | NIH

May 1 2003 16:27:42

☐1: CB961389. AGENCOURT_1388842...[gi:30217506] Links

IDENTIFIERS

dbEST Id: **17749957**
EST name: AGENCOURT_13888422
GenBank Acc: CB961389
GenBank gi: 30217506

CLONE INFO
Clone Id: IMAGE:30348363 (5')
Plate: NDAM390 Row: p Column: 04
DNA type: cDNA

PRIMERS
PolyA Tail: Unknown

SEQUENCE

TCTAGCGAGGTGACAGCGTAGAACCAGACTCTGCTGCCGGCTTCTCGGAGCGGCGCTGGG
CGACCAGAGCAGGGTCGAGATGTCCTACATCCCGGGCCAGCCGGTCACCGCCGTGGTGCA
AAGAGTTGAAATTCACAAGCTGCGTCAAGGTGAGAACTTAATCCTGGGTTTCAGCATTGG
AGGTGGAATCGACCAGGACCCTTCCCAGAATCCCTTCTCTGAAGACAAGACGGACAAGGG
TATTTATGTCACACGGGTGTCTGAAGGAGGCCCTGCTGAAATCGCTGGGCTGCAGATTGG
AGACAAGATCATGCAGGTGAACGGCTGGGACATGACCATGGTCACACACGACCAGGCCCG
CAAGCGGCTCACCAAGCGCTCGGAGGAGGTGGTGCGTCTGCTGGTGACGCGGCAGTCGCT
GCAGAAGGCCGTGCAGCAGTCCATGCTGTCCTAGCAGCCACCACCATCTGCGACTCCTGC
CTGCCGCCTCTCTGTACAGTAACGCCACTTCCACACTCTGTCCCCATCTGGCTTCTGCTG
ACCGCTGGGCCCCAGCTCAAGGGGGCTTTAAGCTTGGGTCCACNAGGCTTGACCCAGCCC
TTCCCTCCCCCCCTCCCCCCACCTTGGCCTGGGGGCCTCCTTGGGACATGACGATTCCTT
TCGCGGGCCCACTCTGCGTCTTGGGCCCATATCTGTGCGCGGGCCTTCAACACCATGAAA
CCATAGCAGCCGCACGCGTACACACAACCGTTTACTGTCTCTACTACATGAGTATTGTGG
GTCCGTGGTTCACGAGAGGATATCAGGGACAACTAATGTGGTATACCTTACCCTAATATT
TA

Quality: High quality sequence stops at base: 567

Entry Created: Apr 28 2003
Last Updated: Apr 29 2003

COMMENTS

Tissue Procurement: Dr. Stefan Hansson
cDNA Library Preparation: Michael J. Brownstein (NHGRI) with help and advice from Piero Carninci (RIKEN)
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov

LIBRARY

Lib Name:	NIH_MGC_148
Organism:	Homo sapiens
Organ:	placenta
Tissue type:	pre-eclamptic placenta
Lab host:	DH10B TonA
Vector:	pBluescriptR
R. Site 1:	alI-XhoI
R. Site 2:	BamH
Description:	Library is oligo-dT primed and directionally cloned using primer 5'-TTTTTTTTTTTTTTTVN-3', size-selected for average insert size 2.3 kb and normalized to ROT 5. This is a primary library enriched for full-lenght clones and constructed using the Cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIMH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC Library.

SUBMITTER

Name:	Robert Strausberg, Ph.D.
E-mail:	cgapbs-r@mail.nih.gov

CITATIONS

Title:	National Institutes of Health, Mammalian Gene Collection (MGC)
Authors:	NIH-MGC http://mgc.nci.nih.gov/
Year:	1999
Status:	Unpublished

MAP DATA

Disclaimer | Write to the Help Desk
NCBI | NLM | NIH

May 1 2003 16:27:42

☐1: CB995033. AGENCOURT_1362748...[gi:30289553] Links

IDENTIFIERS

dbEST Id: **17779074**
EST name: AGENCOURT_13627489
GenBank Acc: CB995033
GenBank gi: 30289553

CLONE INFO
Clone Id: IMAGE:30338150 (5')
Plate: NDAM364 Row: f Column: 15
DNA type: cDNA

PRIMERS
PolyA Tail: Unknown

SEQUENCE

TCTAGCGAGGTGACAGCGTAGAACCAGACTCTGCTGCCGGCTTCTCGGAGCGGCGCTGGG
CGACCAGAGCAGGGTCGAGATGTCCTACATCCCGGGCCAGCCGGTCACCGCCGTGGTGCA
AAGAGTTGAAATTCACAAGCTGCGTCAAGGTGAGAACTTAATCCTGGGTTTCAGCATTGG
AGGTGGAATCGACCAGGACCCTTCCCAGAATCCCTTCTCTGAAGACAAGACGGACAAGGG
TATTTATGTCACACGGGTGTCTGAAGGAGGCCCTGCTGAAATCGCTGGGCTGCAGATTGG
AGACAAGATCATGCAGGTGAACGGCTGGGACATGACCATGGTCACACACGACCAGGCCCG
CAAGCGGCTCACCAAGCGCTCGGAGGAGGTGGTGCGTCTGCTGGTGACGCGGCAGTCGCT
GCAGAAGGCCGTGCAGCAGTCCATGCTGTCCTAGCAGCCACCACCATCTGCGACTCCTGC
CTGCCGCCTCTCTGTACAGTAACGCCACTTCCACACTCTGTCCCCATCTGGCTTCTGCTG
ACCGCTGGGCCCCAGCTCAAAGGGGCTATAGCTGGN

Quality: High quality sequence stops at base: 567

Entry Created: Apr 30 2003
Last Updated: May 1 2003

COMMENTS

Tissue Procurement: Dr. Stefan Hansson
cDNA Library Preparation: Michael J. Brownstein (NHGRI) with help and advice from Piero Carninci (RIKEN)
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov

LIBRARY
Lib Name: NIH_MGC_148
Organism: Homo sapiens
Organ: placenta
Tissue type: pre-eclamptic placenta
Lab host: DH10B TonA

Vector:	pBluescriptR
R. Site 1:	alI-XhoI
R. Site 2:	BamH
Description:	Library is oligo-dT primed and directionally cloned using primer 5'-TTTTTTTTTTTTTTTVN-3', size-selected for average insert size 2.3 kb and normalized to ROT 5. This is a primary library enriched for full-lenght clones and constructed using the Cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIMH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC Library.

SUBMITTER

Name:	Robert Strausberg, Ph.D.
E-mail:	cgapbs-r@mail.nih.gov

CITATIONS

Title:	National Institutes of Health, Mammalian Gene Collection (MGC)
Authors:	NIH-MGC http://mgc.nci.nih.gov/
Year:	1999
Status:	Unpublished

MAP DATA

Disclaimer | Write to the Help Desk
NCBI | NLM | NIH

May 1 2003 16:27:42